

FIGURE 1: Preparation of doxorubicin-Succ-peptides

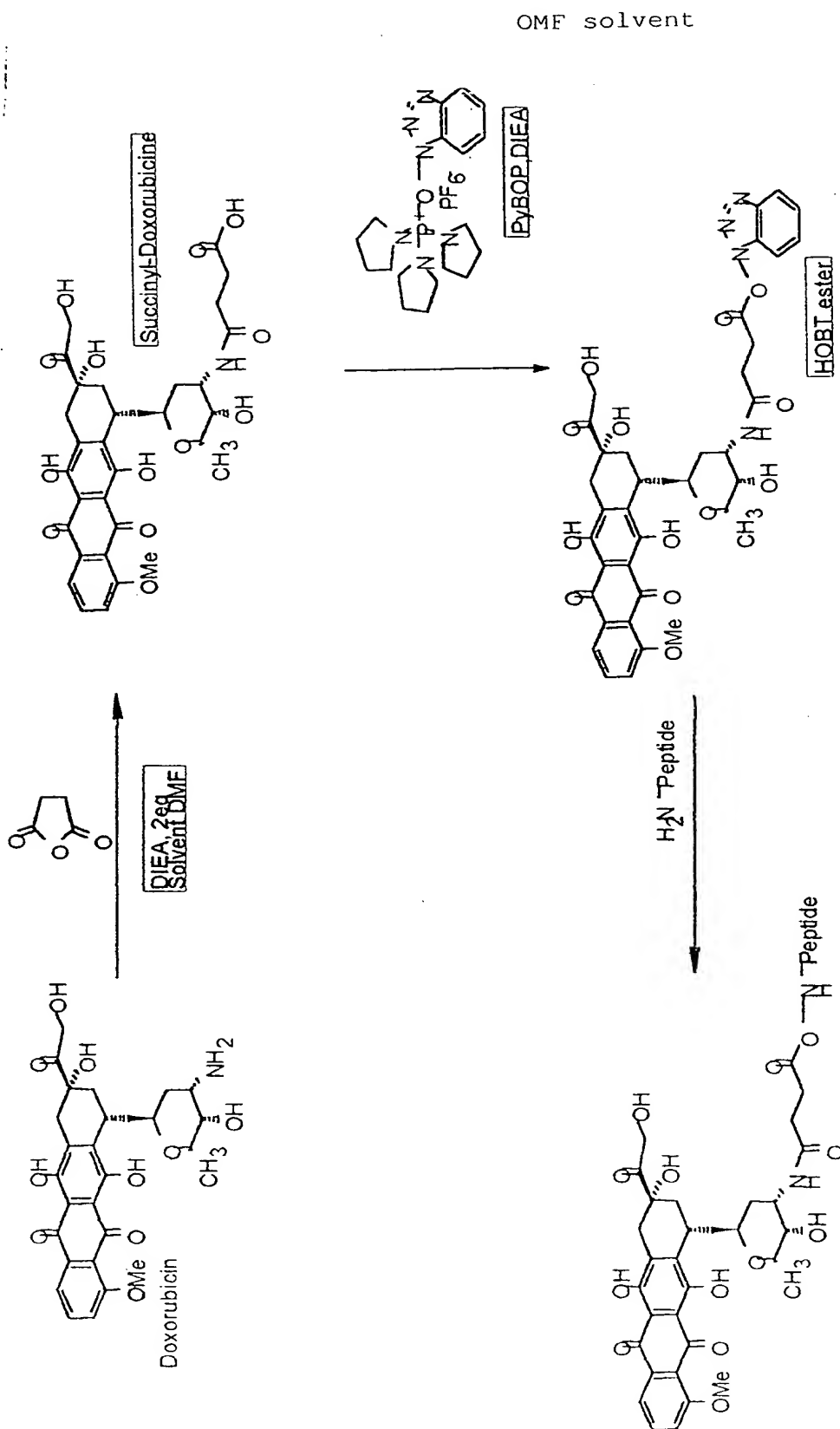


FIGURE 2: Preparation of doxorubicin-SMP-3MP-peptides

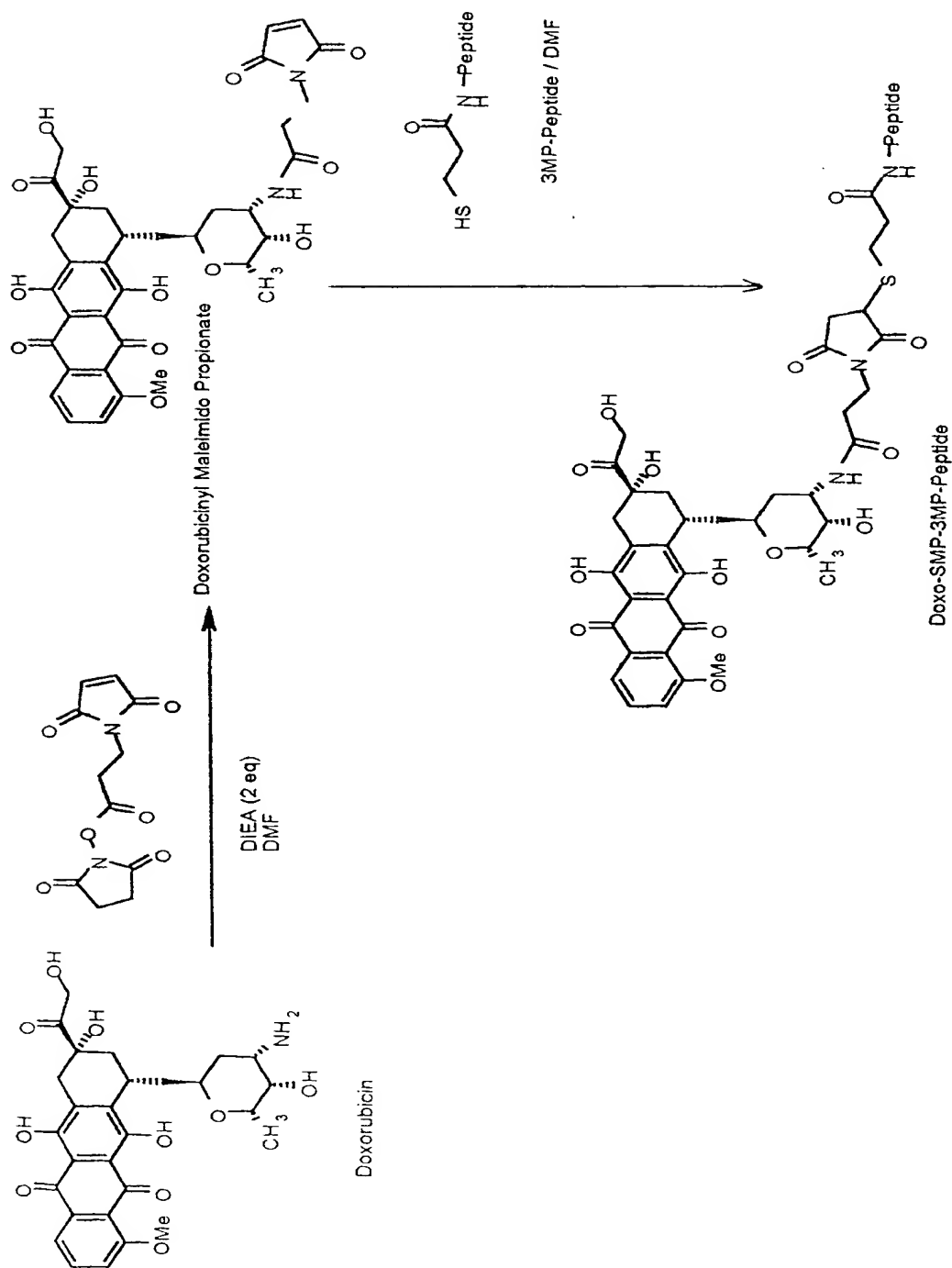
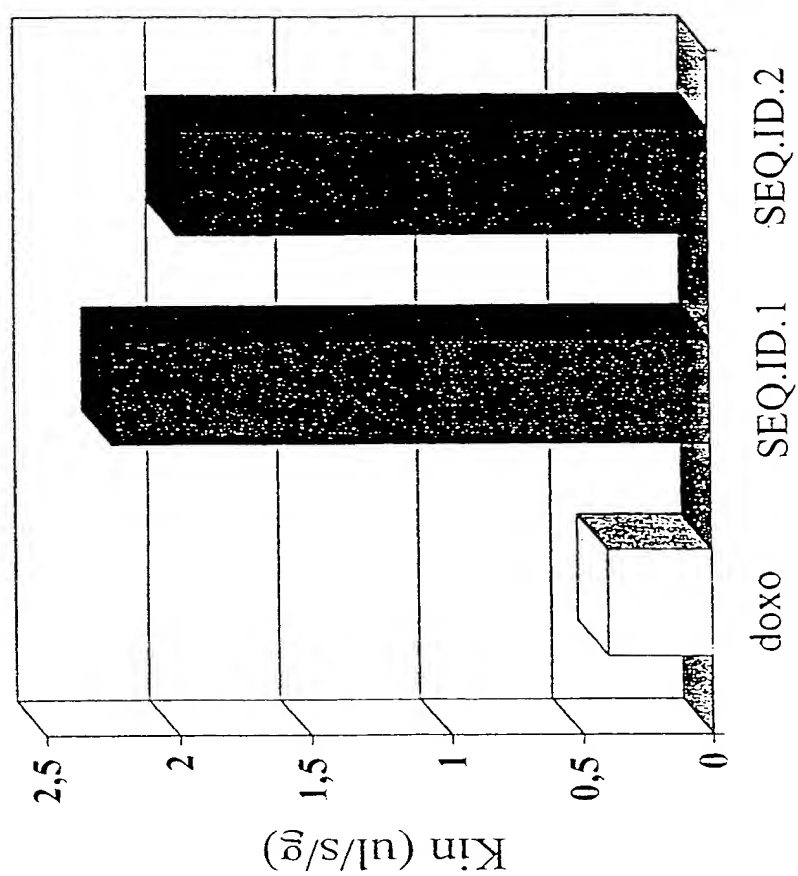


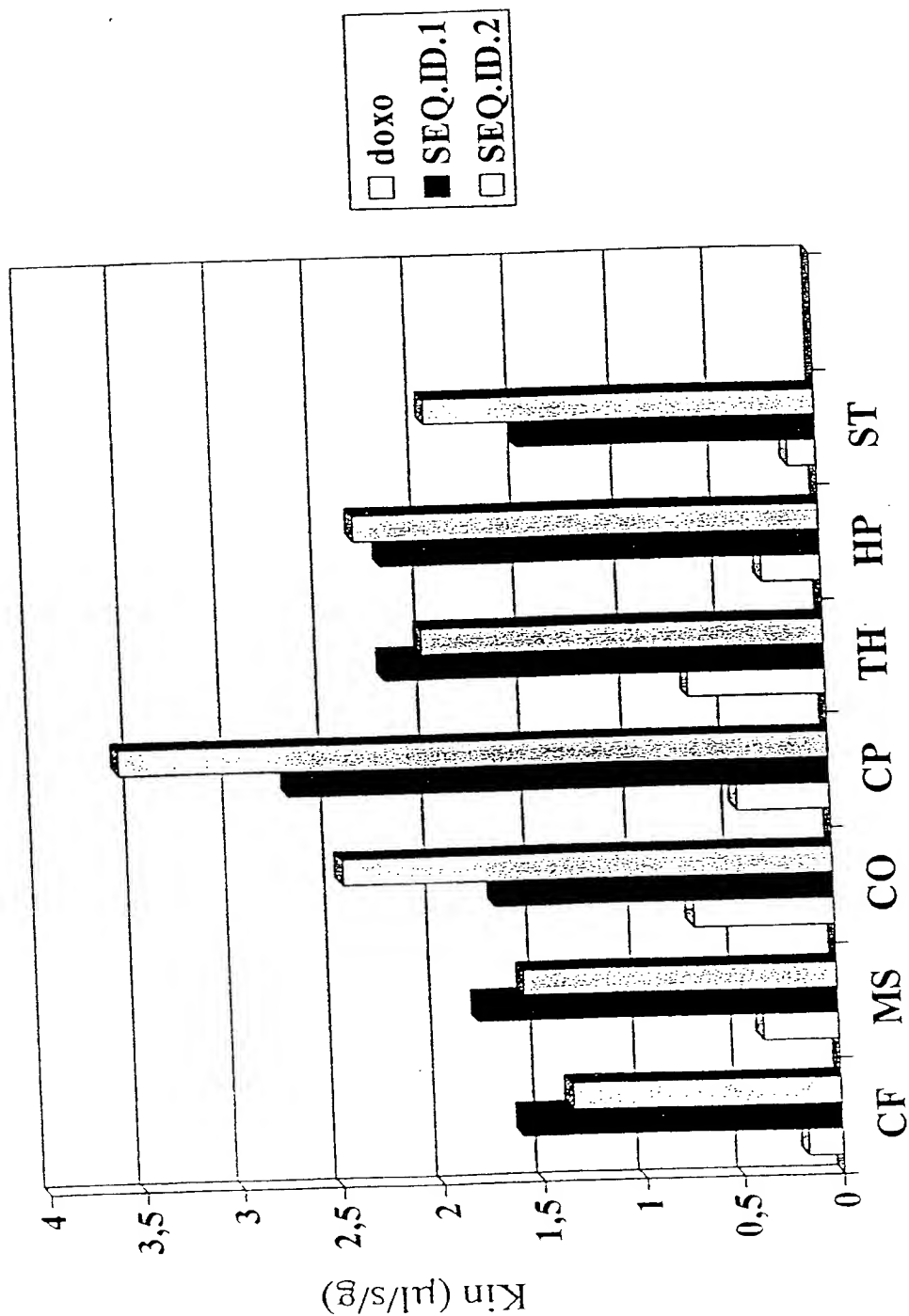
FIGURE 3 - Penetration of products into the brain



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FIGURE 4

Distribution of products into brain structures



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FIGURE 5

PENETRATION OF PRODUCTS AFTER RINSING

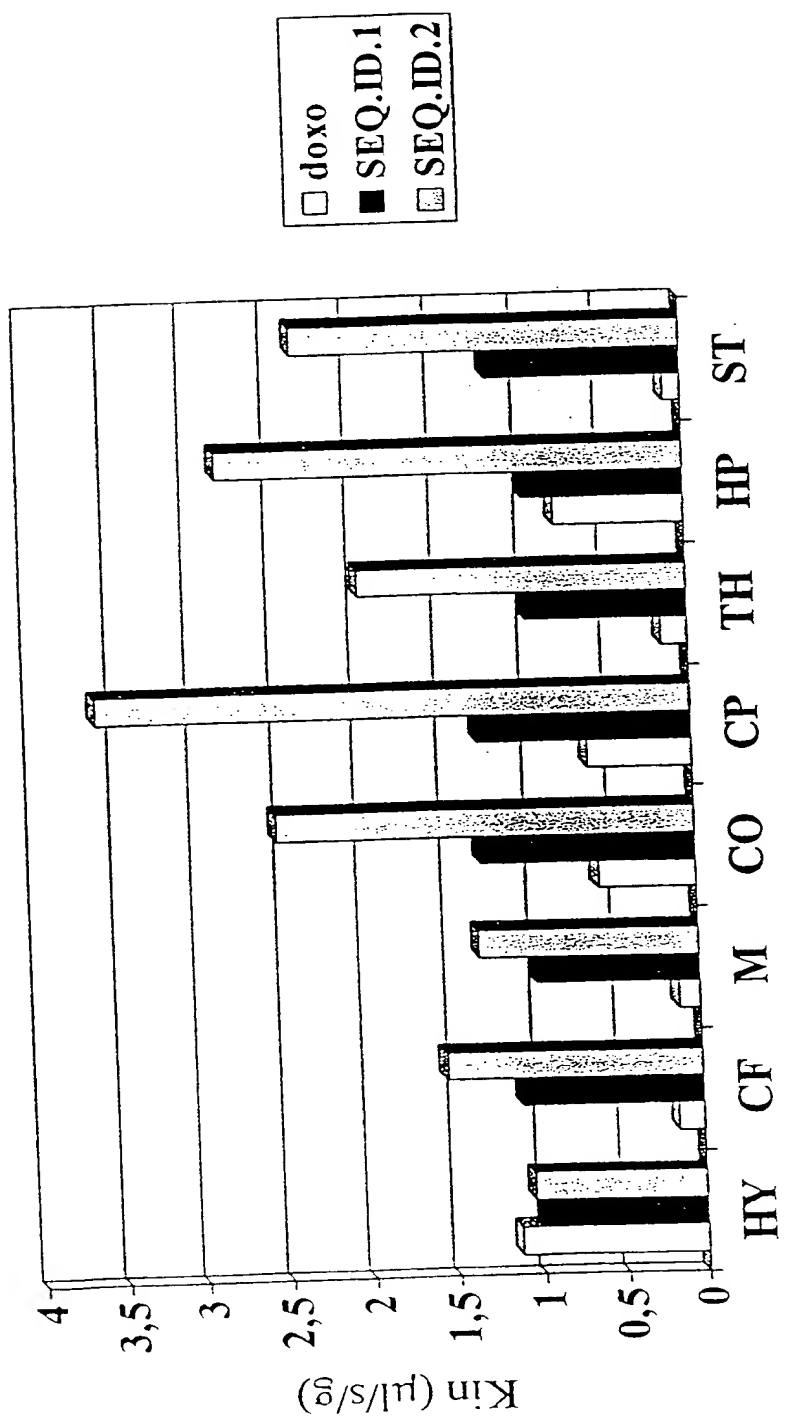


FIGURE 6

## DISTRIBUTION OF PRODUCTS AFTER CAPILLARY DEPLETION

- . Homogenate
- . Parenchyma
- . Endothelial cells

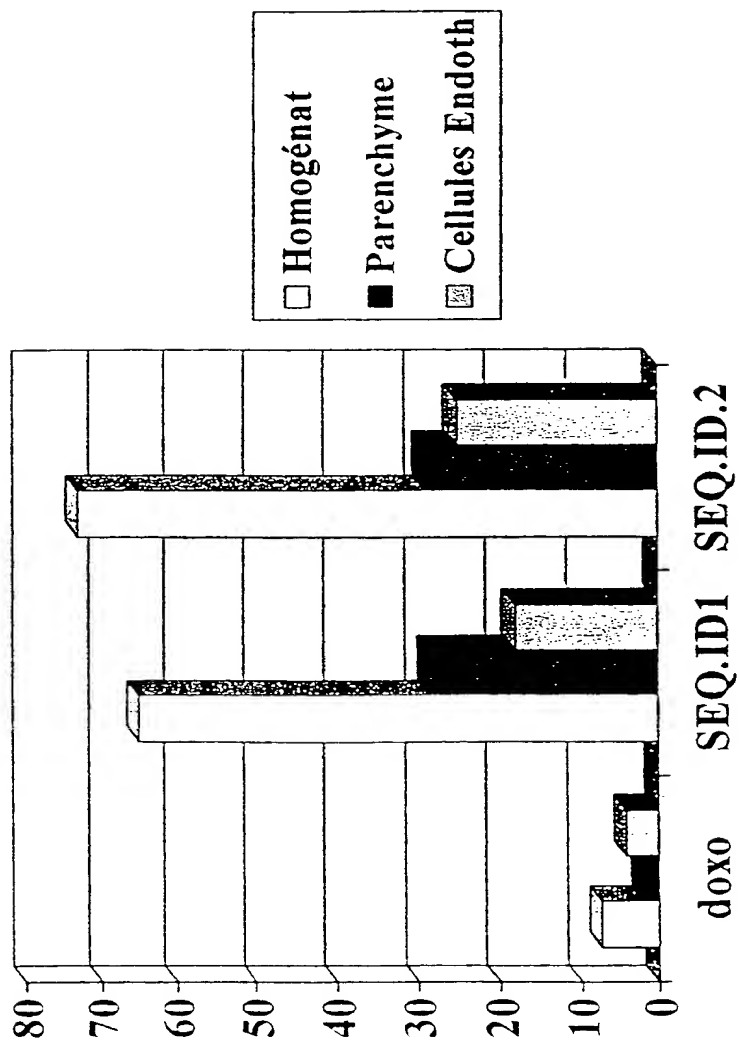


FIGURE 7

## PENETRATION OF DALARGINE INTO THE BRAIN

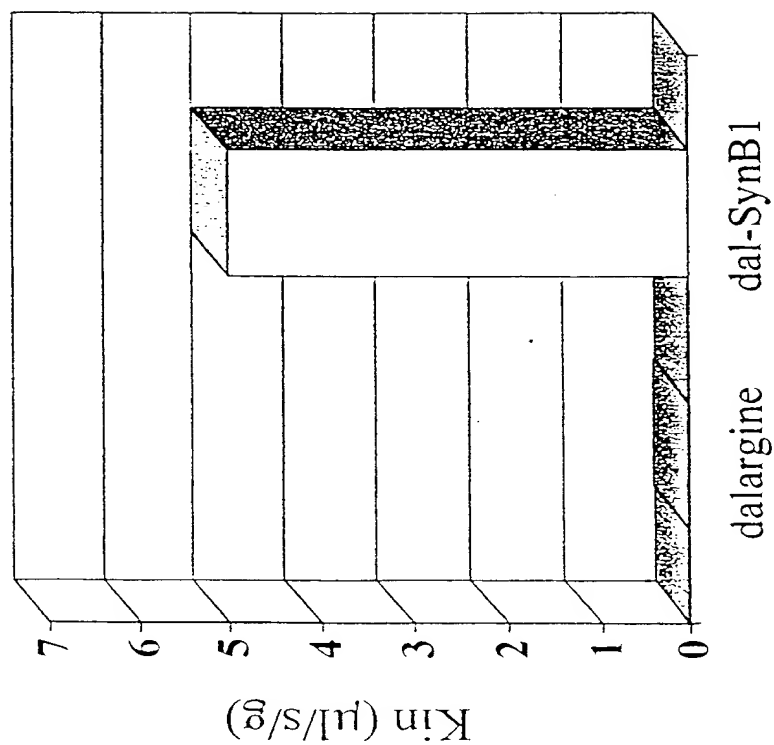


FIGURE 8

ANALGESIC ACTIVITY OF VECTORIZED DALARGINE

Latency (sec.)

Group	Latence (sec)					
	0min	5min	10min	15min	30min	45min 90min
Dalargin	4	7.6	5.1	5.6	4.8	5.6 5.3
Dal-SynB1	5	22.75	14.75	13.25	7.75	4 5.5
SynB1	6.1	6.8	7.5	5.5	4.67	5 5.17



FIGURE 9

PENETRATION OF PRODUCTS INTO THE BRAIN

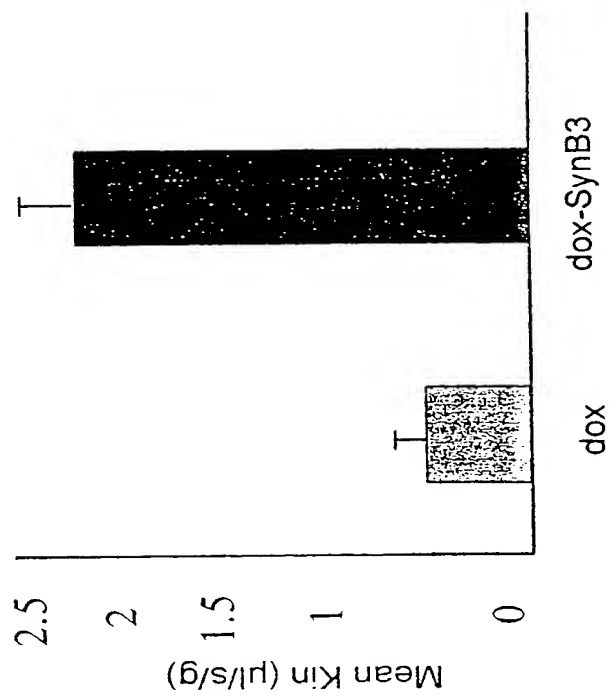


FIGURE 10

DISTRIBUTION OF PRODUCTS INTO BRAIN STRUCTURES

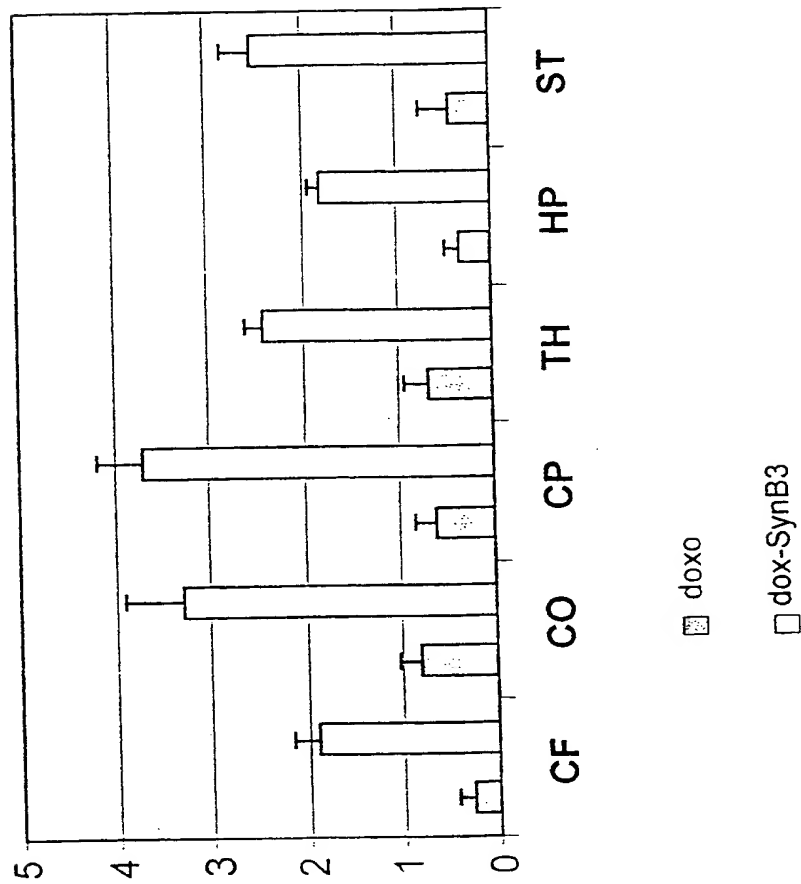


FIGURE 11

## DISTRIBUTION OF PRODUCTS AFTER CAPILLARY DEPLETION

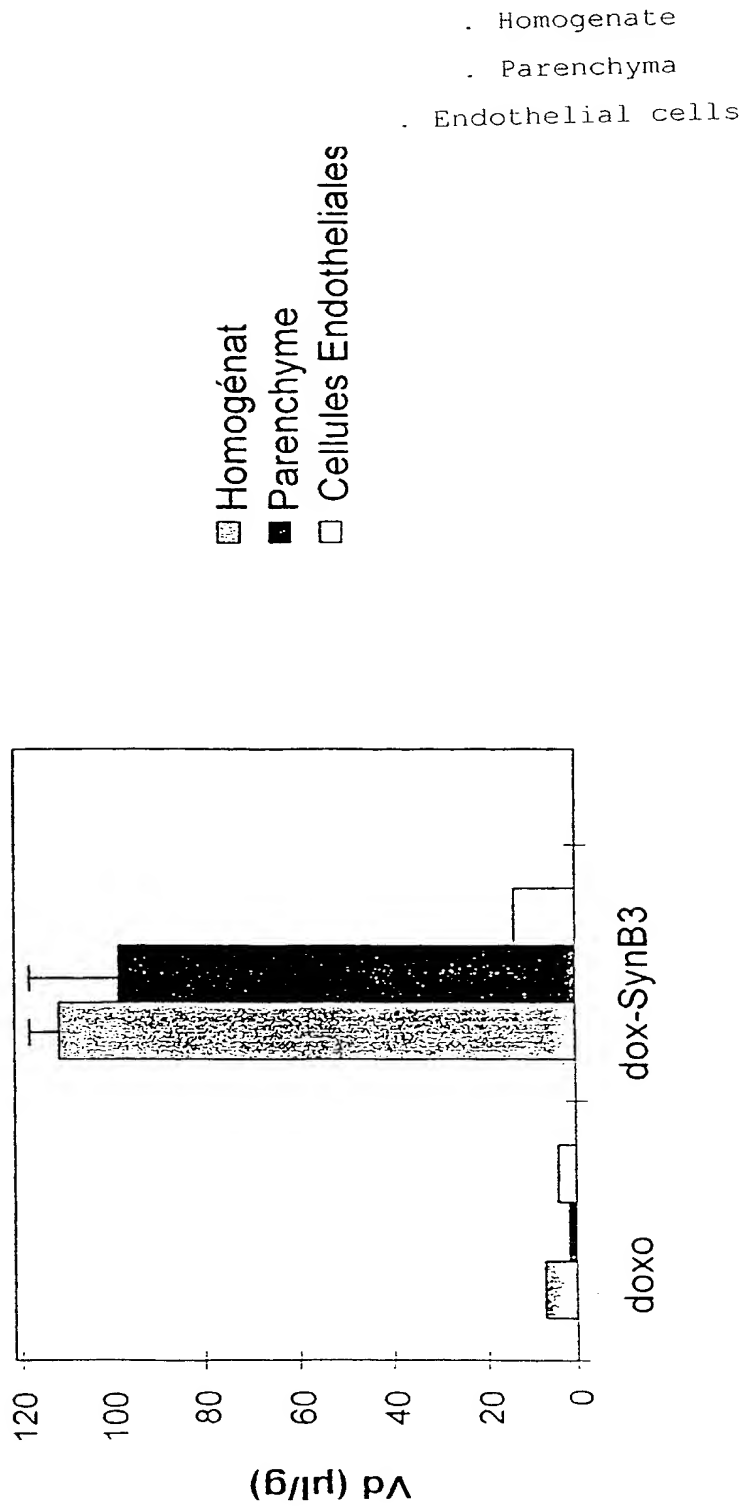


FIGURE 12

Synthesis of N-Benzyl-Penicillin-SynB1

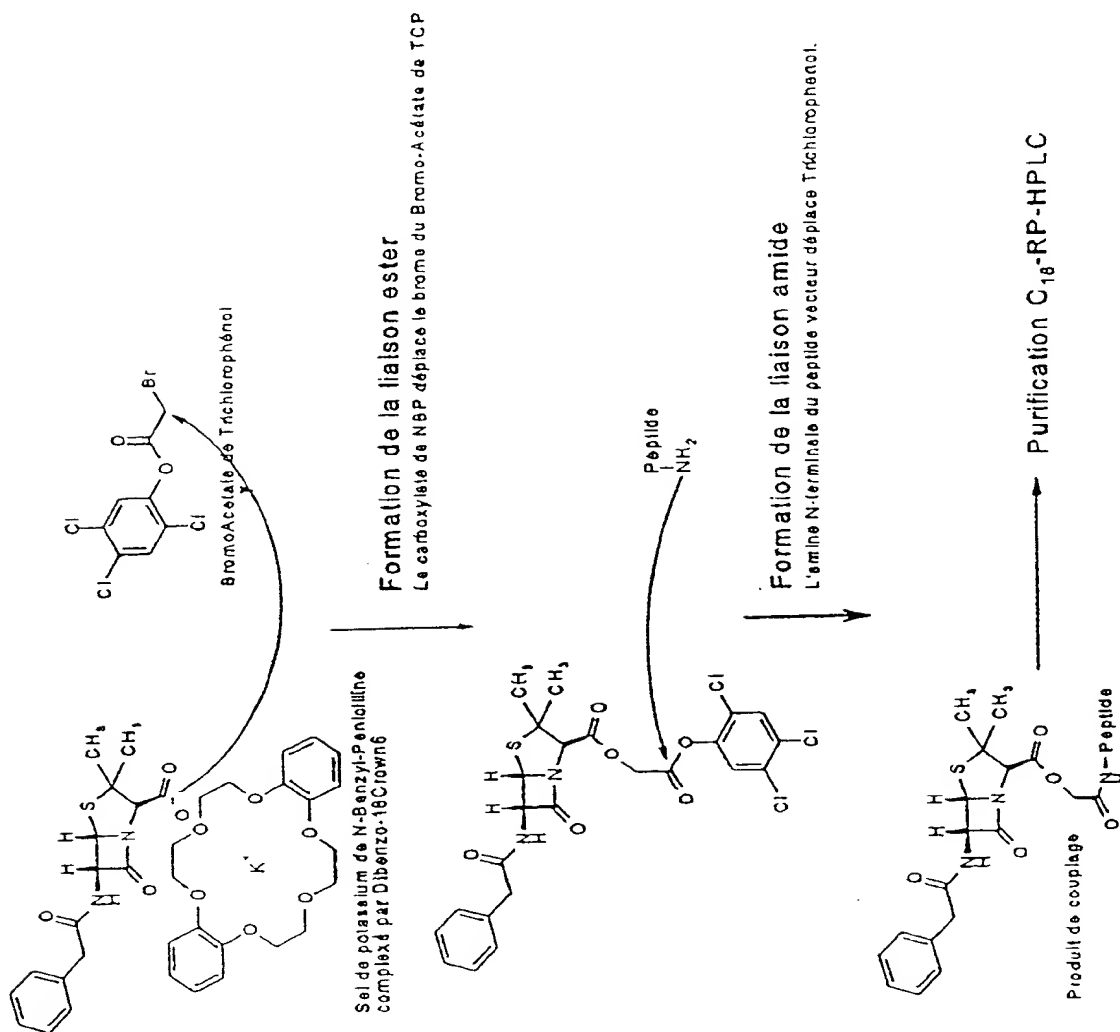
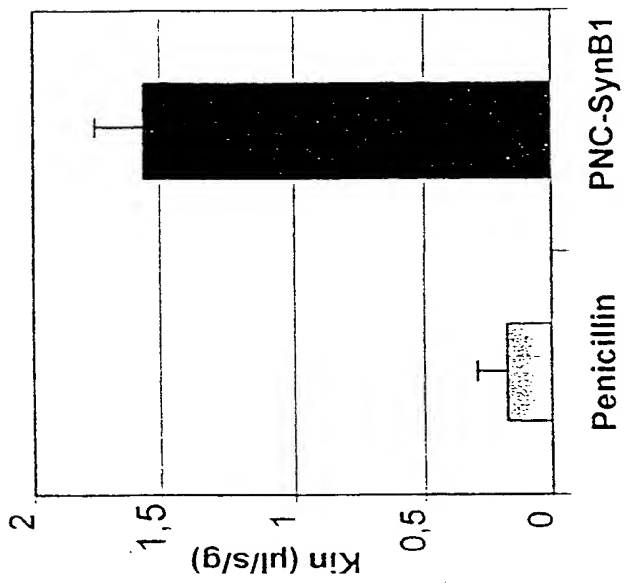


FIGURE 13

PENETRATION OF PENICILLIN INTO THE BRAIN



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FIGURE 14

DISTRIBUTION OF PRODUCTS INTO BRAIN STRUCTURES

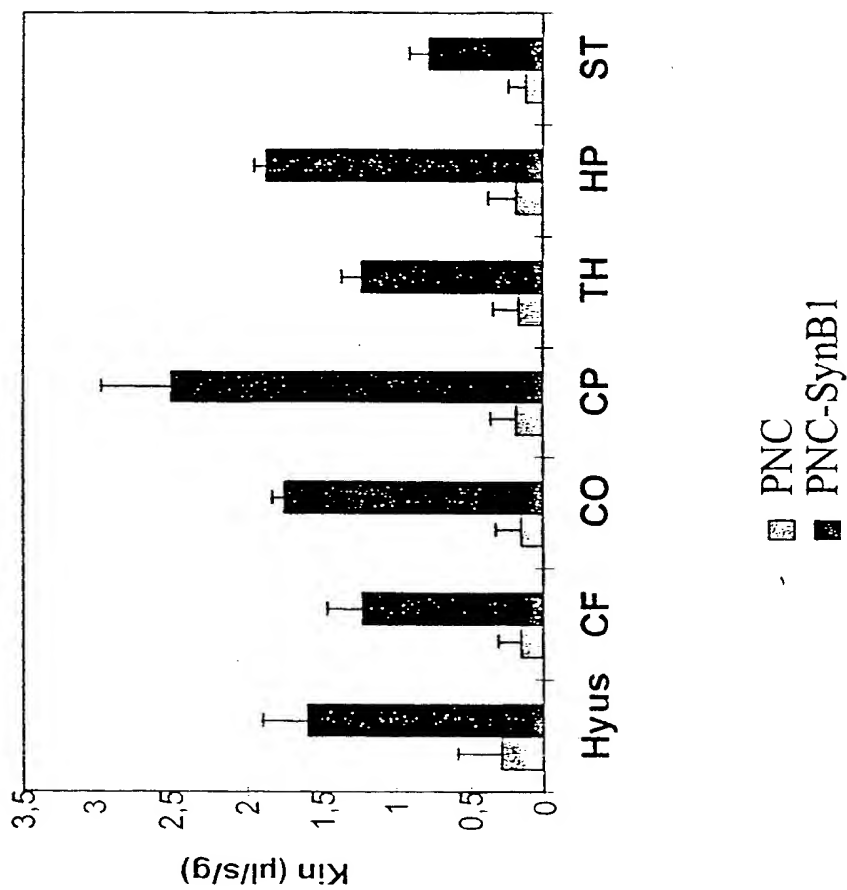
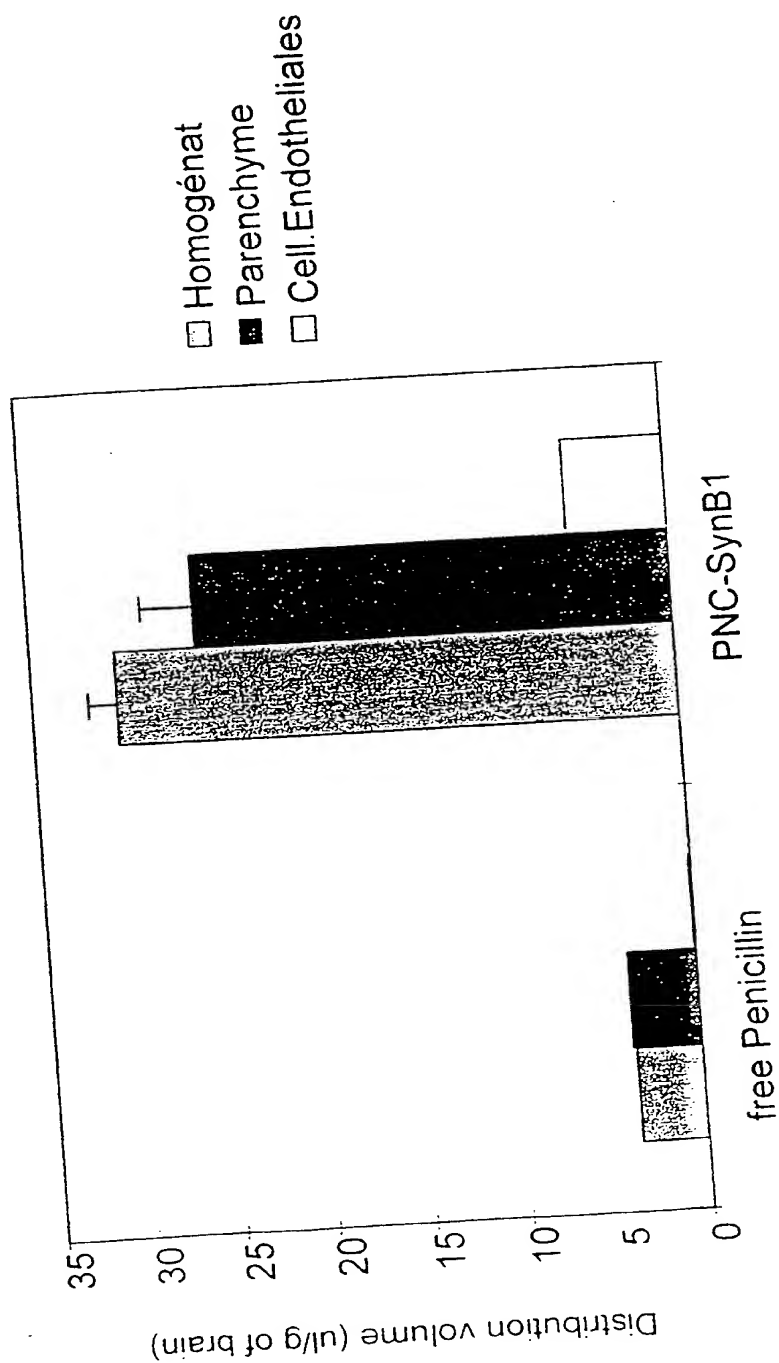


FIGURE 15

DISTRIBUTION OF PRODUCTS AFTER CAPILLARY DEPLETION



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